



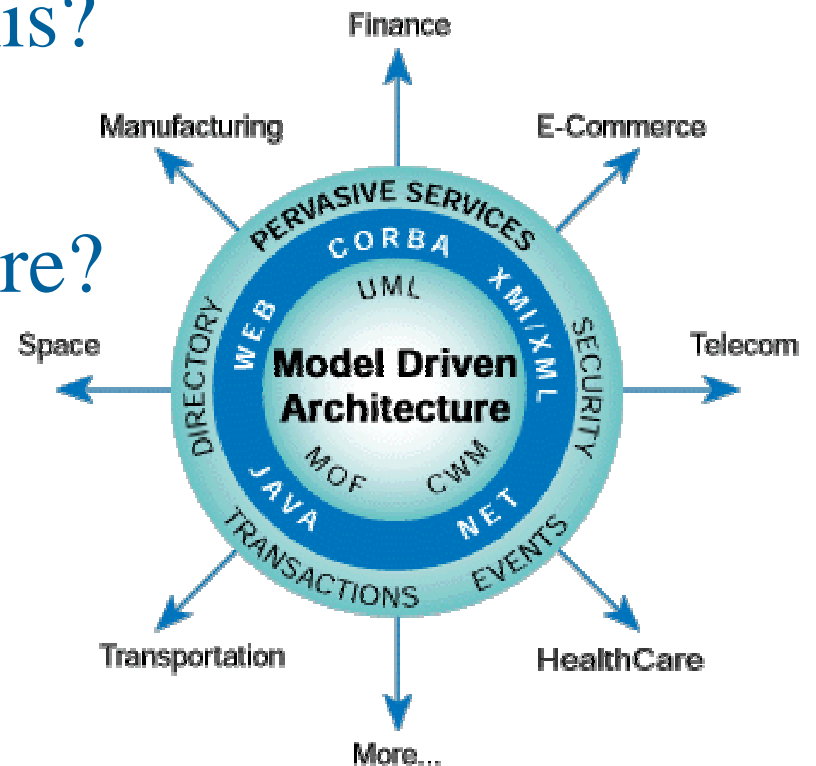
OBJECT MANAGEMENT GROUP

OMG Model Driven Architecture™

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Model Driven Architecture™

- What is it?
- Why is OMG™ doing this?
- How did OMG get here?
- Where do we go from here?



What Is It?

- A new way to *specify* systems
 - More precise way to specify systems
 - Supporting full-lifecycle implementation & maintenance
 - Lowering initial cost and raising ROI
 - Applicable to the mix of platforms with which you are faced: language, operating system, network *and middleware*.



Why is OMG doing this?

- MDA™ leverages OMG's position:
 - Built on successful OMG platform technologies, including UML™ and CORBA®
 - Uses OMG's proven, neutral, open standardization process
 - Directly supports OMG's successful vertical market efforts in healthcare, finance, telecommunications, life sciences research, manufacturing and many other areas



How did OMG get here?

- Object Management Architecture (OMA) dates to early 1990
 - Provided a useful roadmap for first decade
 - Orthogonal to OMG's UML standard in 1997
 - Increasingly needed expansion to encompass broadening technology (MOF™, XMI™, CWM™)
- Model Driven Architecture captures OMG's current and future directions



The CIO Problem Solver

- You have an opportunity to increase your bottom line by *integrating your assets*
- Industry standards support that goal by future-proofing your application design
- The MDA will help you integrate the mix you have today, and give you an architecture to support the unexpected

Pieces in Place Today

- Basic modeling technology
 - UML, MOF, XMI, CWM
- A powerful middleware infrastructure
 - CORBA, IDL™, Pervasive Services
- First platform mappings becoming available
 - UML for CORBA
 - UML for Enterprise Distributed Objects

Steps to Come 2001-2002

- Rigorous mappings for our infrastructure
 - UML for CORBA / IDL roundtrip
- Rigorous mappings for other infrastructure
 - XML and SOAP
 - Java
 - .Net
 - ... other technologies as they become the Next Best Thing